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PATENTS
Attorney Docket No. 8011-15

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : James J. Fallon et al.
Application No. : 09/776,267 Confirmation No. : 9730
Filing Date : February 2, 2001
Title : SYSTEMS AND METHODS FOR ACCELERATED LOADING
OF OPERATING SYSTEMS AND APPLICATION PROGRAMS
Art Unit : 2115
Examiner : Suresh Suryawanshi

New York, New York 10020
August 28, 2006

Hon. Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

EXPRESS MAIL CERTIFICATION

Sir:

"Express Mail" mailing label number EV669671846US

Date of Deposit August 28, 2006

I hereby certify that the papers and fees identified below are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and are addressed to Hon. Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Supplemental Information Disclosure Statement (in duplicate);
PTO Form SB/08A (in duplicate);
Copies of Cited Foreign Patent Documents;
Copies of Cited Non Patent Literature Documents; and,
Return Postcard.


Isatta B. Smith



PATENTS
8011-15

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Applicant : James J. Fallon et al.
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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97, applicant
hereby make the following documents of record in the above-
identified patent application:

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08/30/2006 SFELEKE1 00000055 061075 09776267

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Copies of the aforementioned non-U.S. patent
documents and non-patent documents, which are listed on the
accompanying Form SB/08A (submitted in duplicate), are enclosed
herewith.

The above-identified documents marked with the
numeral one, (1), were cited in U.S. Patent Application No.
09/210,491 in the Office Action mailed on May 19, 2000.

The above-identified document marked with the numeral
two, (2), was cited in U.S. Patent Application No. 10/705,446
in the Office Action mailed on April 10, 2001.

The above-identified documents marked with the
numeral three, (3), were cited in U.S. Patent Application No.
09/579,221 in the Notice of Allowance mailed on February 28,
2003.

The above-identified documents marked with the numeral four, (4), were cited in U.S. Patent Application No. 09/266,394 in the Office Action mailed on February 1, 2002.

The above-identified document marked with the numeral five, (5), was cited in the U.S. Patent Application No. 09/266,394 in the Notice of Allowance mailed on July 29, 2002.

The above-identified documents marked with the numeral six, (6), were cited in the U.S. Patent Application No. 09/481,243 in the Office Action mailed on June 26, 2002.

The above-identified documents marked with the numeral seven, (7), were cited in the U.S. Patent Application No. 10/016,355 in the Office Action mailed on November 22, 2002.

The above-identified document marked with the numeral eight, (8), was cited in the U.S. Patent Application No. 10/016,355 in the Notice of Allowance mailed on April 18, 2003.

The above-identified documents marked with the numeral nine, (9), were cited in the U.S. Patent Application No. 09/775,905 in the Office Action mailed on April 23, 2003.

The above-identified documents marked with the numeral ten, (10), were cited in the U.S. Patent Application No. 10/628,801 in the Office Action mailed on March 17, 2005.

The above-identified documents marked with the numeral eleven, (11), were cited in the U.S. Patent Application No. 10/628,795 in the Office Action mailed on November 12, 2004.

The above-identified documents marked with the numeral twelve, (12), were cited in the U.S. Patent Application No. 10/306,581 in the Office Action mailed on June 29, 2004.

The above-identified documents marked with the numeral thirteen, (13), were cited in the U.S. Patent Application No. 10/076,013 in the Office Action mailed on May 24, 2005.

The above-identified documents marked with the numeral fourteen, (14), were cited in the U.S. Patent Application No. 10/076,013 in the Office Action mailed on February 27, 2006.

The above-identified document marked with the numeral fifteen, (15), was cited in the U.S. Patent Application No. 10/668,768 in the Office Action mailed on February 20, 2004.

The above-identified document marked with the numeral sixteen, (16), was cited in the U.S. Patent Application No. 10/668,768 in the Office Action mailed on July 28, 2005.

The above-identified documents marked with the numeral seventeen, (17), were cited in the U.S. Patent Application No. 10/668,768 in the Notice of Allowance mailed on May 1, 2006.

The above-identified documents marked with the numeral eighteen, (18), were cited in the U.S. Patent Application No. 09/969,987 in the Office Action mailed on January 26, 2005.

The above-identified document marked with the numeral nineteen, (19), was cited in the U.S. Patent Application No. 09/969,987 in the Office Action mailed on September 12, 2005.

The above-identified documents marked with the numeral twenty, (20), were cited in the U.S. Patent Application No. 09/969,987 in the Office Action mailed on June 19, 2006.

The above-identified documents marked with the numeral twenty-one, (21), were cited in the U.S. Patent Application No. 09/775,897 in the Office Action mailed on December 24, 2003.

The above-identified documents marked with the numeral twenty-two, (22), were cited in the U.S. Patent Application No. 10/306,581 in the Office Action mailed on July 24, 2006.

The above-identified documents marked with the numeral twenty-three, (23), were cited in an International Search Report ("ISR") in PCT Application No. PCT/US01/03712. A copy of this ISR is being submitted herewith.

The above-identified documents marked with the numeral twenty-four, (24), were cited in an International Search Report ("ISR") in PCT Application No. PCT/US00/42018. A copy of this ISR is being submitted herewith.

Documents included in the above-identified Office Actions and Search Report that are not being cited herewith are already of record in the present application.

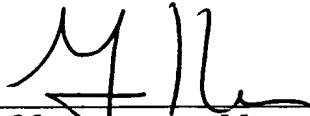
It is respectfully requested that these documents be: (1) fully considered by the Patent and Trademark Office during the examination of this application; and (2) printed on any patent which may issue on this application. Applicant requests that a copy of Form SB/08A, as considered and initialed by the Examiner, be returned with the next communication.

This Statement is submitted after the mailing of a first Office Action on the merits. In accordance with 37 C.F.R. §197(c)(2), submission of this Statement requires a fee of \$180.00. The Director is hereby authorized to charge payment of \$180.00 and any other fees required in connection

with this paper, or credit any overpayment of the same, to
Deposit Account No. 06-1075, Order No. 103532-0002. A
duplicate copy of this paper is being submitted herewith.

An early and favorable action is respectfully
requested.

Respectfully submitted,



Jeffrey D. Mullen

Registration No. 52,056

Agent for Applicant

☒ Submitted under 37 C.F.R. § 1.34

FISH & NEAVE IP GROUP

ROPES & GRAY LLP

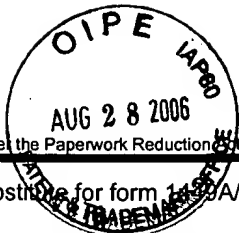
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Substitute for form 1450A/PTO

**FOURTH SUPPLEMENTAL
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 11

Complete if known

Application Number	09/776,267
Filing Date	February 2, 2001
First Named Inventor	Fallon
Art Unit	2115
Examiner Name	Suresh K. Suryawanshi
Attorney Docket Number	8011-15

U.S. PATENT DOCUMENTS

Examiner initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code* (if known)			
		4,127,518	11-28-1978	Coy et al.	
		4,302,775	11-24-1981	Widergren et al.	
		4,574,351	03-04-1986	Dang et al.	
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Examiner
SignatureDate
Considered

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Substitute for form 1449A/PTO FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if known	
				Application Number	09/776,267
				Filing Date	February 2, 2001
				First Named Inventor	Fallon
				Art Unit	2115
				Examiner Name	Suresh K. Suryawanshi
Sheet	2	of	11	Attorney Docket Number	8011-15

		5,113,522	05-12-1992	Dinwiddie, Jr. et al.	
		5,121,342	06-09-1992	Szymborski	
		5,150,430	09-22-1992	Chu	
		5,159,336	10-27-1992	Rabin et al.	
		5,175,543	12-29-1992	Lantz	
		5,179,651	01-12-1993	Taaffe et al.	
		5,191,431	03-02-1993	Hasegawa et al.	
		5,204,756	04-20-1993	Chevion et al.	
		5,212,742	05-18-1993	Normile et al.	
		5,231,492	07-27-1993	Dangi et al.	
		5,237,460	08-17-1993	Miller et al.	
		5,237,675	08-17-1993	Hannon, Jr.	
		5,243,341	09-07-1993	Seroussi et al.	
		5,243,348	09-07-1993	Jackson	
		5,247,638	09-21-1993	O'Brien et al.	
		5,247,646	09-21-1993	Osterlund et al.	
		5,263,168	11-16-1993	Toms et al.	
		5,270,832	12-14-1993	Balkanski et al.	
		5,287,420	02-15-1994	Barrett	
		5,293,379	03-08-1994	Carr	
		5,309,555	05-03-1994	Akins et al.	
		5,355,498	10-11-1994	Provino et al.	
		5,357,614	10-18-1994	Pattisam et al.	
		5,379,036	01-03-1995	Storer	

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		5,381,145	01-10-1995	Allen et al.	
		5,394,534	02-28-1995	Kulakowski et al.	
		5,396,228	03-07-1995	Garahi	
		5,406,278	04-11-1995	Graybill et al.	
		5,406,279	04-11-1995	Anderson et al.	
		5,412,384	05-02-1995	Chang et al.	
		5,414,850	05-09-1995	Whiting	
		5,420,639	05-30-1995	Perkins	
		5,452,287	09-19-1995	Dicecco	
		5,461,679	10-24-1995	Normile et al.	
		5,467,087	11-14-1995	Chu	
		5,471,206	11-28-1995	Allen et al.	
		5,479,587	12-26-1995	Campbell et al.	
		5,486,826	01-23-1996	Remillard	
		5,495,244	02-27-1996	Je-Chang et al.	
		5,506,844	04-09-1996	Rao	
		5,506,872	04-09-1996	Mohler	
		5,530,845	06-25-1996	Hiatt et al.	
		5,533,051	07-02-1996	James	
		5,535,356	07-09-1996	Kim et al.	
		5,537,658	07-16-1996	Bakke et al.	
		5,557,551	09-17-1996	Craft	
		5,557,668	09-17-1996	Brady	
		5,557,749	09-17-1996	Norris	

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				Art Unit	2115
				Examiner Name	Suresh K. Suryawanshi
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		5,561,824	10-01-1996	Carreiro et al.	
		5,574,952	11-12-1996	Brady et al.	
		5,576,953	11-19-1996	Hugentobler	
		5,583,500	12-10-1996	Allen et al.	
		5,590,306	12-31-1996	Watanabe et al.	
		5,596,674	01-21-1997	Bhandari et al.	
		5,604,824	02-18-1997	Chui et al.	
		5,606,706	02-25-1997	Takamoto et al.	
		5,612,788	03-18-1997	Stone	
		5,615,017	03-25-1997	Choi	
		5,621,820	04-15-1997	Rynderman et al.	
		5,623,623	04-22-1997	Kim et al.	
		5,623,701	04-22-1997	Bakke et al.	
		5,627,534	05-06-1997	Craft	
		5,627,995	05-06-1997	Miller et al.	
		5,629,732	05-13-1997	Moskowitz et al.	
		5,630,092	05-13-1997	Carreiro et al.	
		5,642,506	06-24-1997	Lee	
		5,649,032	07-16-1997	Burt et al.	
		5,652,795	07-29-1997	Dillon et al.	
		5,652,917	07-29-1997	Maupin et al.	
		5,654,703	08-05-1997	Clark, II	
		5,655,138	08-05-1997	Kikinis	
		5,666,560	09-09-1997	Moertl et al.	

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				Art Unit	2115
				Examiner Name	Suresh K. Suryawanshi
Sheet	5	of	11	Attorney Docket Number	8011-15

		5,668,737	09-16-1997	Iler	
		5,671,389	09-23-1997	Saliba	
		5,675,333	10-07-1997	Boursier et al.	
		5,694,619	12-02-1997	Konno	
		5,696,927	12-09-1997	MacDonald et al.	
		5,703,793	12-30-1997	Wise et al.	
		5,715,477	02-03-1998	Kikinis	
		5,717,393	02-10-1998	Nakano et al.	
		5,717,394	02-10-1998	Schwartz et al.	
		5,721,958	02-24-1998	Kikinis	
		5,724,475	03-03-1998	Kirsten	
		5,729,228	03-17-1998	Franaszek et al.	
		5,748,904	05-05-1998	Huang et al.	
		5,757,852	05-26-1998	Jericevic et al.	
		5,771,340	06-23-1998	Nakazato et al.	
		5,778,411	07-07-1998	DeMoss et al.	
		5,781,767	07-14-1998	Inoue et al.	
		5,784,572	07-21-1998	Rostoker et al.	
		5,787,487	07-28-1998	Hashimoto et al.	
		5,799,110	08-25-1998	Israelsen et al.	
		5,805,932	09-08-1998	Kawashima et al.	
		5,808,660	09-15-1998	Sekine et al.	
		5,809,176	09-15-1998	Yajima	
		5,809,337	09-15-1998	Hannah et al.	

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		5,812,789	09-22-1998	Diaz et al.	
		5,818,368	10-06-1998	Langley	
		5,818,369	10-06-1998	Withers	
		5,818,530	10-06-1998	Canfield et al.	
		5,819,215	10-06-1998	Dobson et al.	
		5,825,424	10-20-1998	Canfield et al.	
		5,832,037	11-03-1998	Park	
		5,832,126	11-03-1998	Tanaka	
		5,836,003	11-10-1998	Sadeh	
		5,838,996	11-17-1998	deCarmo	
		5,839,100	11-17-1998	Wegener	
		5,841,979	11-24-1998	Schulhof et al.	
		5,847,762	12-08-1998	Canfield	
		5,861,824	01-19-1999	Ryu et al.	
		5,861,920	01-19-1999	Mead et al.	
		5,870,036	02-09-1999	Franaszek et al.	
		5,870,087	02-09-1999	Chau	
		5,872,530	02-16-1999	Domyo et al.	
		5,883,975	03-16-1999	Narita et al.	
		5,886,655	03-23-1999	Rust	
		5,889,961	03-30-1999	Dobbek	
		5,915,079	06-22-1999	Vondran, Jr. et al.	
		5,917,438	06-29-1999	Ando	
		5,920,326	07-06-1999	Rentschler et al.	

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Sheet	7	of	11	Attorney Docket Number	8011-15

		5,936,616	08-10-1999	Torborg, Jr. et al.	
		5,949,355	09-07-1999	Panaoussis	
		5,955,976	09-21-1999	Heath	
		5,960,465	09-28-1999	Adams	
		5,964,842	10-12-1999	Packard	
		5,968,149	10-19-1999	Jaquette et al.	
		5,973,630	10-26-1999	Heath	
		5,974,471	10-26-1999	Belt	
		5,982,723	11-09-1999	Kamatani	
		5,991,515	11-23-1999	Fall et al.	
		5,996,033	11-30-1999	Chiu-Hao	
		6,000,009	12-07-1999	Brady	
		6,002,411	12-14-1999	Dye	
		6,011,901	01-04-2000	Kirsten	
		6,014,694	01-11-2000	Aharoni et al.	
		6,026,217	02-15-2000	Adiletta	
		6,028,725	02-22-2000	Blumenau	
		6,031,939	02-29-2000	Gilbert et al.	
		6,032,148	02-29-2000	Wilkes	
		6,061,398	05-09-2000	Satoh et al.	
		6,075,470	06-13-2000	Little et al.	
		6,094,634	07-25-2000	Yahagi et al.	
		6,097,520	08-01-2000	Kadnier	
		6,104,389	08-15-2000	Ando	

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Sheet	8	of	11	Attorney Docket Number	8011-15

		6,105,130	08-15-2000	Wu et al.	
		6,128,412	10-03-2000	Satoh	
		6,141,053	10-31-2000	Saukkonen	
		6,145,069	11-07-2000	Dye	
		6,172,936	01-09-2001	Kitazaki	
		6,192,082	02-20-2001	Moriarty et al.	
		6,195,024	02-27-2001	Fallon	
		6,253,264	06-26-2001	Sebastian	
		6,272,627	08-07-2001	Mann	
		6,272,628	08-07-2001	Aguilar et al.	
		6,282,641	08-28-2001	Christensen	
		6,309,424	10-30-2001	Fallon	
		6,317,714	11-13-2001	Del Castillo et al.	
		6,330,622	12-11-2001	Schaefer	
		6,345,307	02-05-2002	Booth	
		6,421,387	07-16-2002	Rhee	
		6,434,168	08-13-2002	Kari	
		6,442,659	08-27-2002	Blumenau	
		6,449,682	09-10-2002	Toorians	
		6,452,602	09-17-2002	Morein	
		6,487,640	11-26-2002	Lipasti	
		6,489,902	12-03-2002	Heath	
		6,513,113	01-28-2003	Kobayashi	
		6,529,633	03-04-2003	Easwar et al.	

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		6,542,644	04-01-2003	Satoh	
		6,590,609	07-08-2003	Kitade et al.	
		6,601,104	07-29-2003	Fallon	
		6,604,158	08-05-2003	Fallon	
		6,606,040	08-12-2003	Abdat	
		6,606,413	08-12-2003	Zeineh	
		6,618,728	09-09-2003	Rail	
		6,624,761	09-23-2003	Fallon	
		6,711,709	03-23-2004	York	
		6,745,282	06-01-2004	Okada et al.	
		6,748,457	06-08-2004	Fallon	
		6,856,651	02-15-2005	Singh	
		6,888,893	05-03-2005	Li et al.	
		7,054,493	05-30-2006	Schwartz	
		2001/ 0032128	10-18-2001	Kepecs	
		2002/ 0037035	03-28-2002	Singh	
		2002/ 0104891	08-08-2002	Otto	
		2002/ 0126755	09-12-2002	Li et al.	
		2003/ 0034905	02-20-2003	Anton et al.	
		2003/ 0084238	05-01-2003	Okada et al.	
		2003/ 0142874	07-31-2003	Schwartz	

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Substitute for form 1449A/PTO FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if known	
				Application Number	09/776,267
				Filing Date	February 2, 2001
				First Named Inventor	Fallon
				Art Unit	2115
				Examiner Name	Suresh K. Suryawanshi
Sheet	10	of	11	Attorney Docket Number	8011-15

FOREIGN PATENT DOCUMENTS						
Examiner initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
		EP 0164677	12-18-1985	Texas Instruments Inc.		
		EP 0185098	06-25-1986	Hitachi Ltd		
		EP 0283798	09-28-1988	International Business Machines Corporation		
		EP 0405572	06-29-1990	Fujitsu Limited		
		EP 0493130	12-27-1991	Canon Kabushiki Kaisha		
		EP 0587437	09-10-1993	International Business Machines Corporation		
		EP 0595406	05-04-1994	Philips Electronics		
		GB 2162025	01-22-1986	King Reginald Alfred		
		JP 9188009	01-09-1996	Canon Inc.		
		JP 11149376	06-02-1999	Toyo Commun Equip Co. Ltd		
		WO 9414273	06-23-1994	Voxson International Pty Ltd		
		WO 9429852	12-22-1994	Maxtor Corp		
		WO 9502873	01-26-1995	Philips Electronics		
		WO 9748212	06-03-1997	Nokia Telecommunications		

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NON PATENT LITERATURE DOCUMENTS			
Examiner initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		RICE, ROBERT F., "Some Practical Universal Noiseless Coding Techniques", Jet Propulsion Laboratory, Pasadena, California, JPL Publication 79-22, March 15, 1979.	
		ANDERSON, J., et al. "Codec squeezes color teleconferencing through digital telephone lines", Electronics 1984, pp. 13-15	
		VENBRUX, JACK, "A VLSI Chip Set for High-Speed Lossless Data Compression", IEEE Trans. On Circuits and Systems for Video Technology, Vol. 2, No. 44, December 1992, pp. 381-391	
		"Operating System Platform Abstraction Method", IBM Technical Disclosure Bulletin, Feb. 1995, Vol. 38, Issue No. 2, pp 343-344	
		MURASHITA, K., et al., "High-Speed Statistical Compression using Self-organized Rules and Predetermined Code Tables", IEEE, 1996 Data Compression Conference	
		COENE, W., et al. "A Fast Route For Application of Rate-distortion Optimal Quantization in an MPEG Video Encoder" Proceedings of the International Conference on Image Processing, US., New York, IEEE, 16 September 1996, pp. 825-8286	
		RICE, ROBERT, "Lossless Coding Standards for Space Data Systems", IEEE 1058-6393/97, pp. 577-585	
		YEH, PEN-SHU, "The CCSDS Lossless Data Compression Recommendation for Space Applications", Chapter 16, Lossless Compression Handbook, Elsevier Science (USA), 2003, PP. 311-326.3	

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